



Docket No.: M4065.0703/P703  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kristy A. Campbell, et al.

Application No.: 09/943,187

Group Art Unit: 2822

Filed: August 29, 2001

Examiner: Khanh B. Duong

For: METHOD OF FORMING  
CHALCOGENIDE COMPRISING  
DEVICES AND METHOD OF  
FORMING A PROGRAMMABLE  
MEMORY CELL OF MEMORY  
CIRCUITRY

**DECLARATION OF KRISTY A. CAMPBELL**  
**CALLING ATTENTION TO INFORMATION PURSUANT TO 37 C.F.R. § 1.56**

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop: Declaration  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Dear Sir:

I, Kristy A. Campbell, hereby declare and state as follows:

1. I reside at 5131 South Tinker Street, Boise, Idaho 83709.
2. I am one of the inventors of the invention described and claimed in the above-captioned application.
3. Micron Technology, Inc. ("Micron") is the assignee of the invention claimed in the application identified above.
4. I am a Senior Engineer at Micron working on the research and development of new memory devices, including memory devices based on chalcogenide materials including  $\text{Ge}_x\text{Se}_{100-x}$  materials. I have held this position since June 26, 2000 when I first joined Micron.

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5. I am making this Declaration to bring to the attention of the Patent and Trademark Office information which may be deemed material to the prosecution of this application.

6. To the best of my knowledge and belief, on March 22, 2000, Micron entered into a Research and License Agreement ("Agreement") with Axon Technologies Corp. ("Axon") and Michael N. Kozicki ("Kozicki") pursuant to which Axon and/or Kozicki would perform certain research on behalf of and provide information to Micron with respect to Programmable Metallization Cell Technology ("PMC"), which is based on chalcogenide materials.

7. To the best of my knowledge and belief, pursuant to the Agreement, the requirement by Micron to keep information received from Axon and/or Kozicki confidential has now expired.

8. To the best of my knowledge and belief, pursuant to the Agreement, on April 6, 2000, Kozicki, an employee of Axon and a professor at Arizona State University ("ASU") gave a presentation to several members of Micron's personnel on the topic of PMC and mechanism of dendrite formation. I was not present at this presentation. I reviewed the presentation in July 2000. A handout and slide show from this presentation are attached as Exhibit 1.

9. To the best of my knowledge and belief, the subject matter detailed in the Exhibits and discussed above was not disclosed in any publication or otherwise publicly disclosed prior to the date it was delivered to Micron.

10. While I do not believe any of the material reported above is deemed "material" to the claimed invention in the above-referenced application, nonetheless, I wish to bring it to the attention of the Examiner for his/her independent review for possible relevance pursuant to 37 C.F.R. § 1.56. The disclosure of this information is not intended as an admission that it constitutes prior art to the invention claimed in the above-captioned application.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information or belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of this declaration, the present application, or any patent resulting therefrom.

Further the Declarant sayeth not.

9/24/03  
Date

Kristy A. Campbell  
Kristy A. Campbell, Ph.D.